TRION®

Model CV4 (shown)

Model: CV4

The TRION CV Series units are freestanding, self-cleaning cartridge filters with Pulse-Jet cleaning, which was manufactured especially for removal of all kinds of dry smoke and dust (not explosive or flammable).

The filter cabinet is made from 1.5mm welded sheet metal. A silent centrifugal fan is integrated in the top area of the unit. The unit is also supplied on a stand with a collection hopper and dust barrel which can be easily removed and emptied.

The self-cleaning system utilises compressed air which is stored in tanks on the outside of the unit, the compressed air is then led directly through the tank into the cartridges. Alternatively, the cartridges can be cleaned during operation (on-line) or through pressure difference, which saves on compressed air. Additionally, there is an off-line cleaning system installed. The control box with a filter monitoring mechanism for cleaning is included. The interval-pulse sequences are individually adjustable as are the x-P-value settings.

Changing the cartridges is made easy by the large doors on the front of the unit. The larger dust particles are led directly into the collection hopper through a buffle which is installed at the air inlet.

The unit price includes a compressed air maintenance system with a reverse-safety valve, water filter and pressure valve. The compressed air can be alternatively be supplied through a flexible hose with a standard coupler plug or through a stiff tube system.

Technical Details	**CV2**	**CV4**
Air Volume m^3/h	2040	4080
Main Filter Area	$26m^2$ (2 x filters)	$26m^2$ (4 x filters)
Filter Area total	$52m^2$	$104m^2$
Noise Level	75 dBA	75 dBA
Input Voltage	400V / 3ph / 50Hz	400V / 3ph / 50Hz
Power	2.2 Kw	3.0 Kw
Efficiency	99.93%	99.93%
Fan	Backward	Backward
Cleaning System	Pulse Jet	Pulse Jet
Dust Collector Hoppers	1	2
Inlet Connection (mm)	200	200mm x 2
Height inlet connection (mm)	1460	1460
Height (mm)	2920	3170
Width (mm)	750	1500
Depth (mm)	850 + 200 Tank	850 + 200 Tank
Weight kg	318	455
Nominal resistance through unit with celulose cartridge	1000 PA	1000 PA
Available resistance external to unit	500 PA	1200 PA

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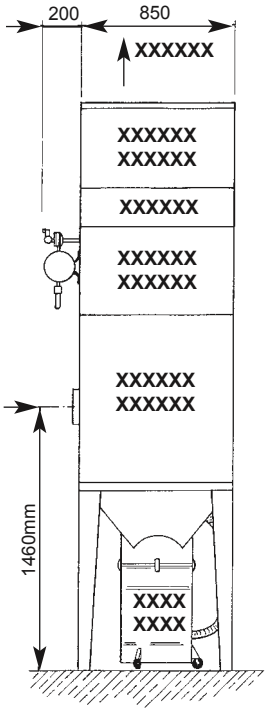
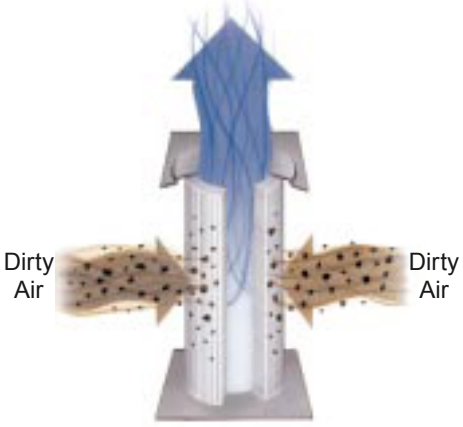
General Specification

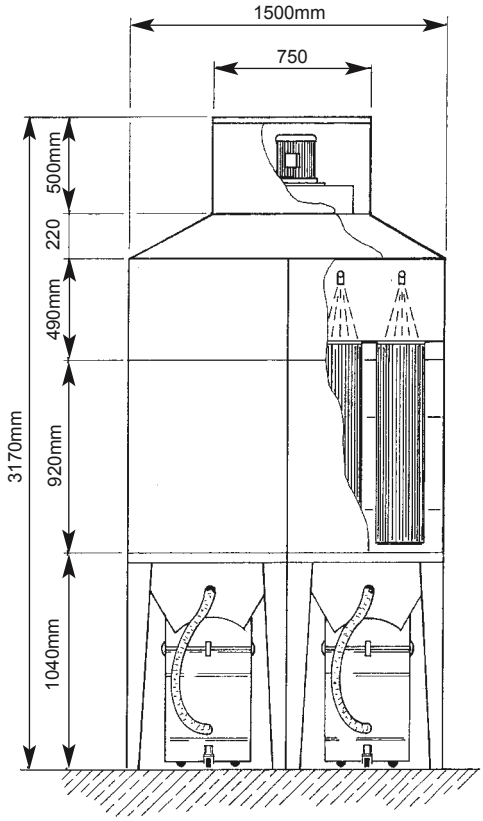


Model CV4 (shown)

HOW IT WORKS

Clean Air Flow





TRION
Air Purification Systems